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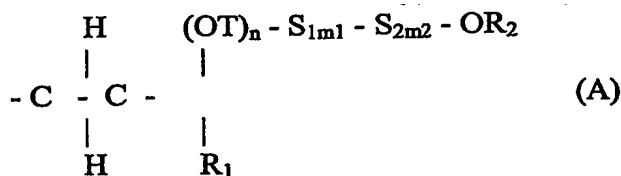
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having 1 to 4 carbon atoms or arylene having 6 to 9 carbon atoms; n is 0 or 1; S<sub>1</sub> and S<sub>2</sub> are, independently of one another, -OC<sub>k</sub>H<sub>2k</sub>- or -OCH<sub>2</sub>CHR<sub>3</sub>-, with the proviso that k is 2 or 3, R<sub>3</sub> is an alkyl group having 1 to 9 carbon atoms, an aryl group having 6 to 9 carbon atoms; and 6 ≤ m<sub>1</sub> + m<sub>2</sub> ≤ 25.

(57) Abstract: The present invention concerns a cement ad-  
ditive containing copolymers comprising one or more con-  
stitutional units represented by formula A: (A) R<sub>1</sub> is hydro-  
gen, an alkyl group having 1 to 4 carbon atoms, an alkenyl  
group having 1 to 4 carbon atoms or an aryl group having 6  
to 9 carbon atoms; R<sub>2</sub> is hydrogen or an alkyl group having  
1 to 9 carbon atoms, an alkenyl group having 1 to 9 car-  
bon atoms or an aryl group having 6 to 9 carbon atoms; T  
is alkylene (including straight-chain and branched alkylene)